

Urban Plan

Scale 1-5000

0m 125m 250m 500m

Complex Projects *Yucheng.Wu*



Site Plan

Scale 1-1000

0m 25m 50m 100m

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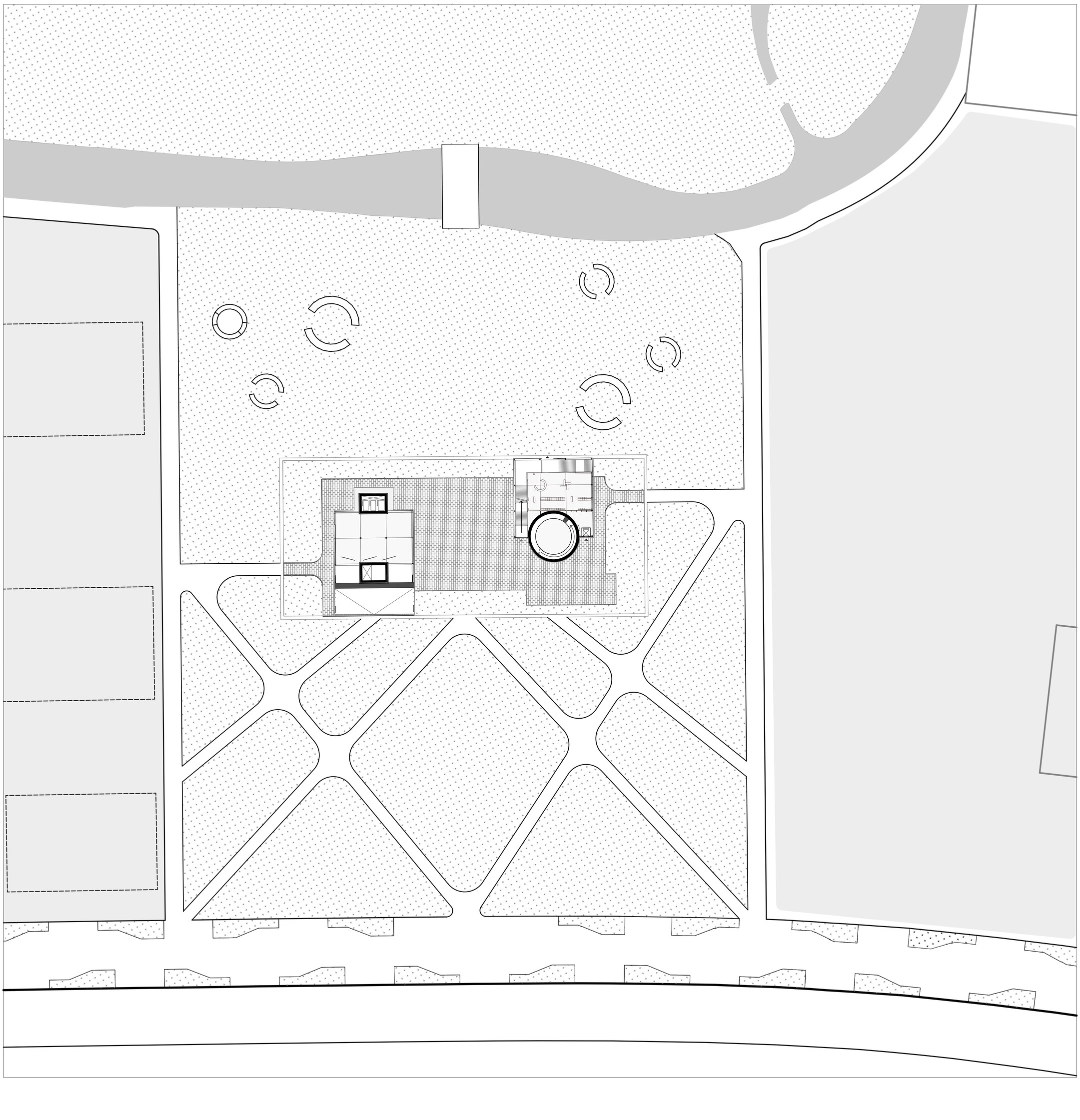
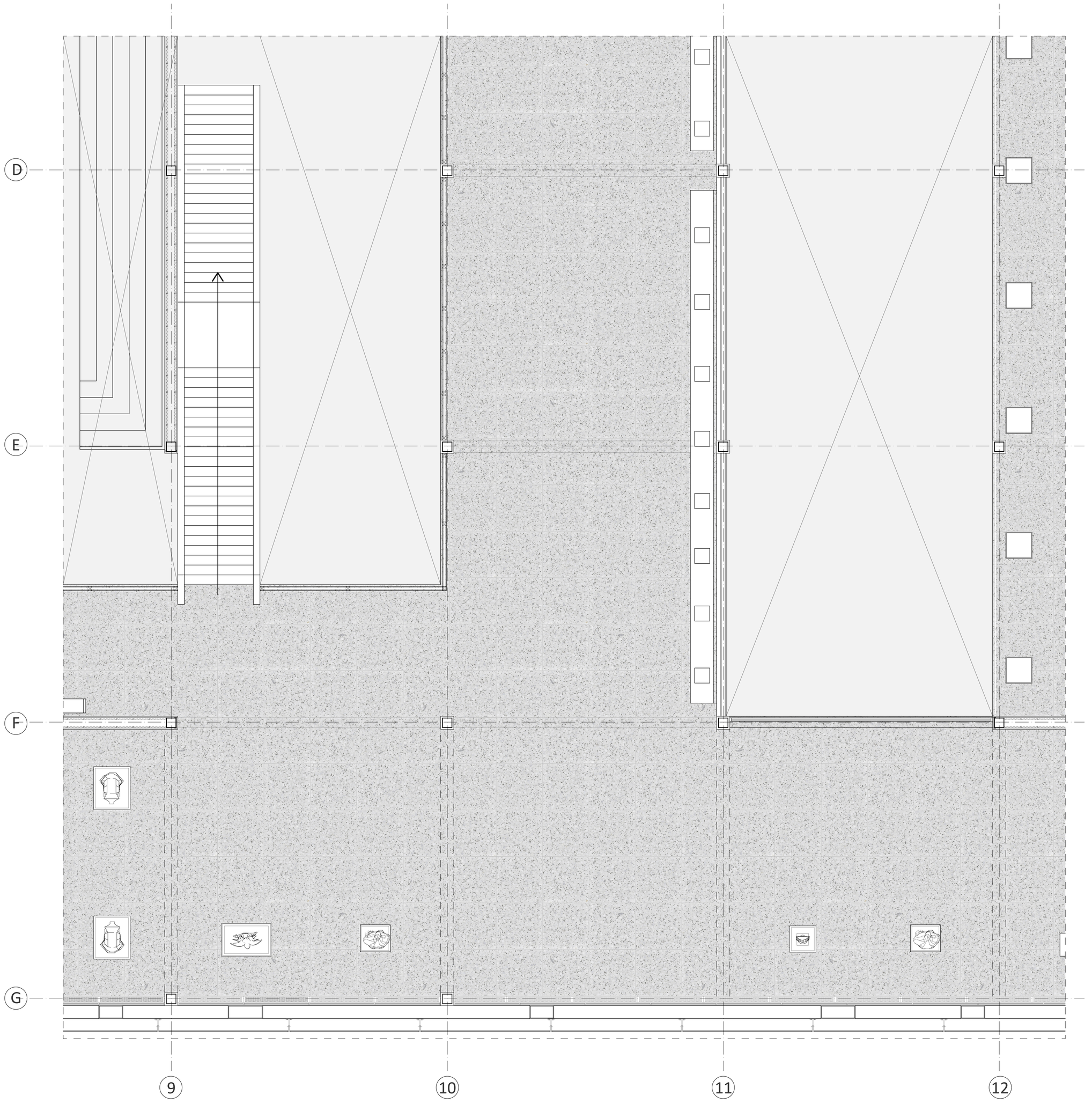


Plan Ground Level

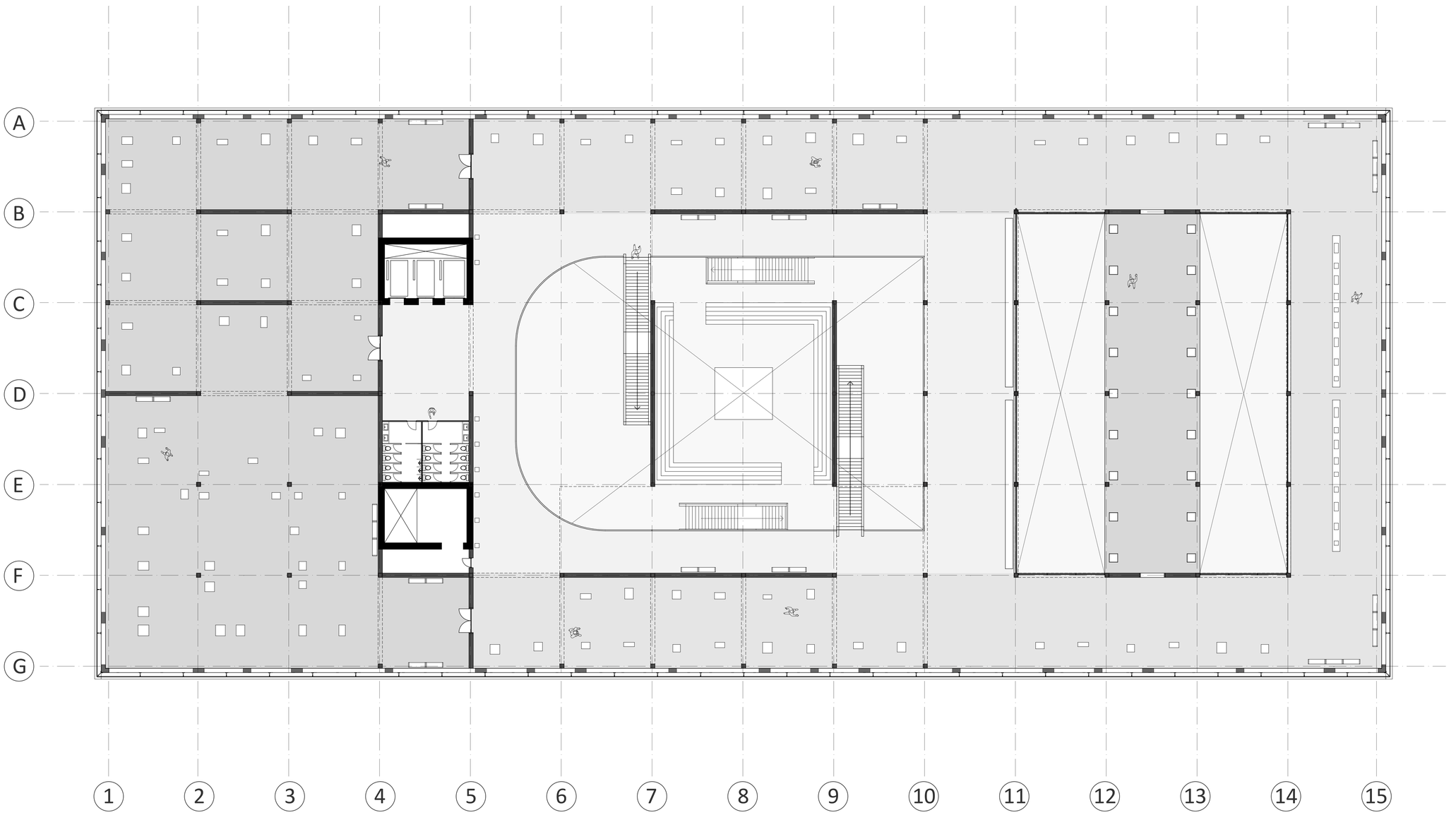
Scale 1-500

0m 12.5m 25m 50m



Fifth Floor + 34.60 m

Scale 1-50



Fifth Floor + 34.60 m

Scale 1-200

0m 5m 10m 20m

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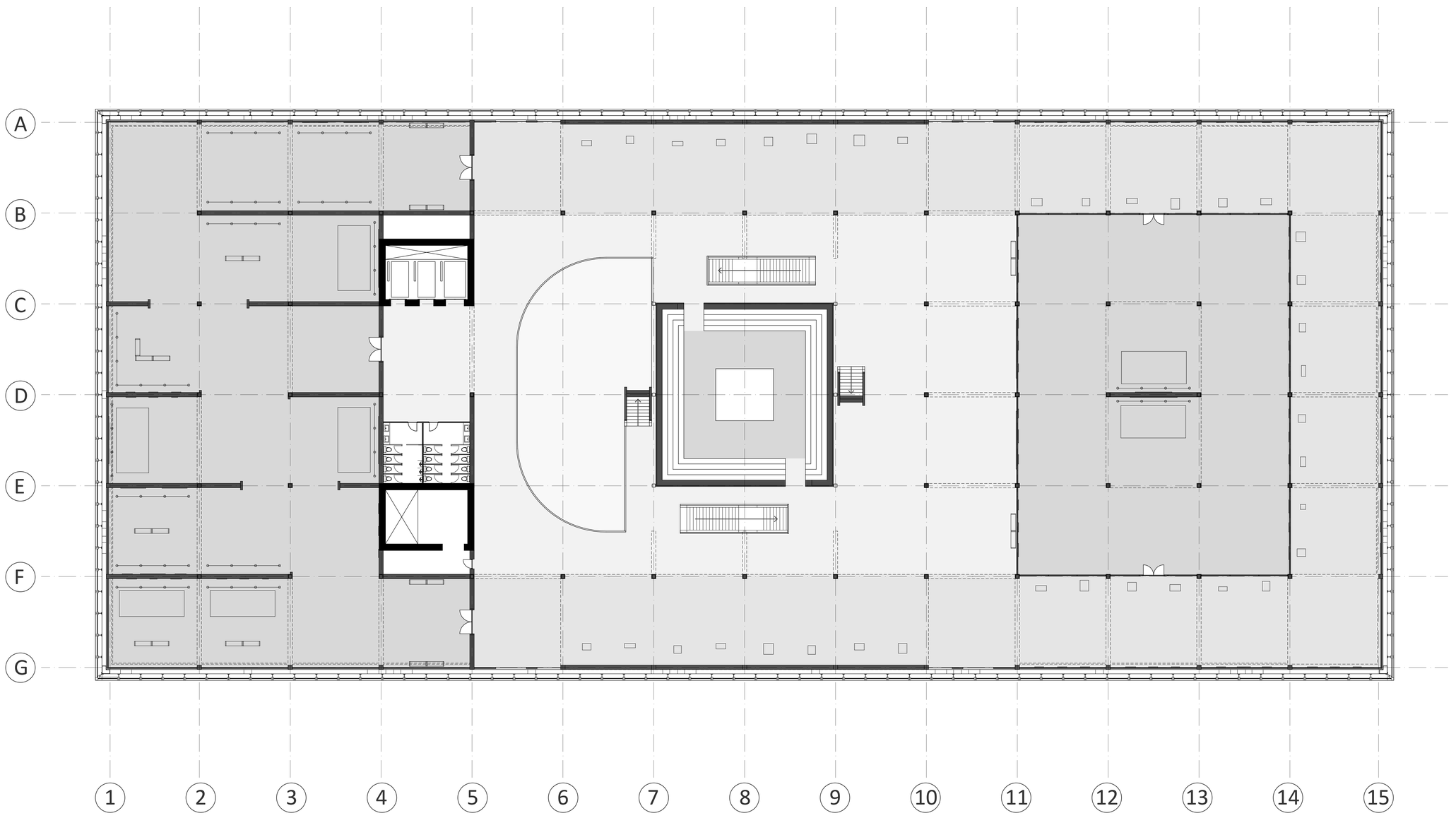
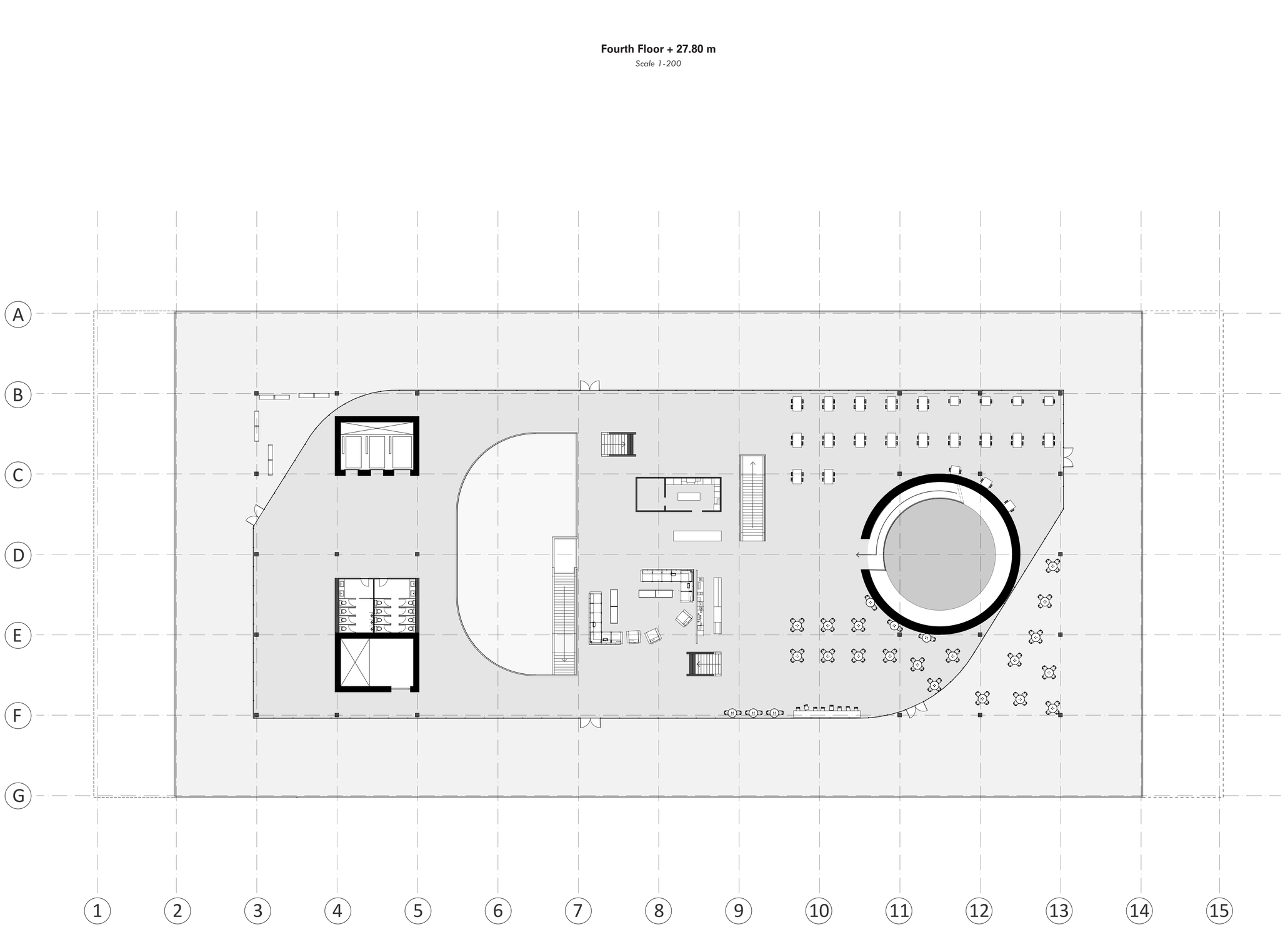


Fourth Floor + 27.80 m

Scale 1-200



Third Floor + 22.80 m

Scale 1-200

Second Floor + 16.50 m

Scale 1-50

Second Floor + 16.50 m

Scale 1-200

0m 5m 10m 20m

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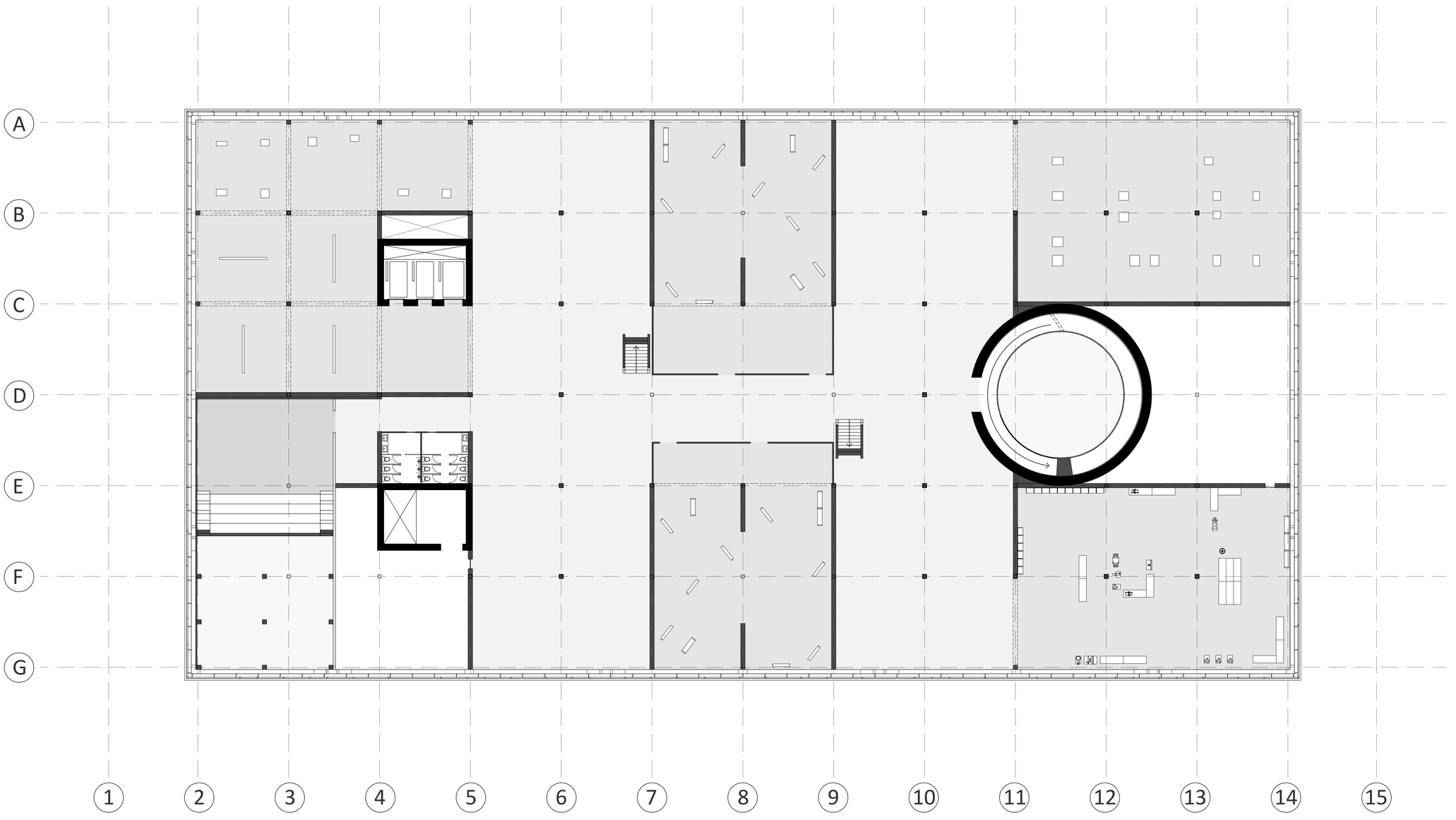
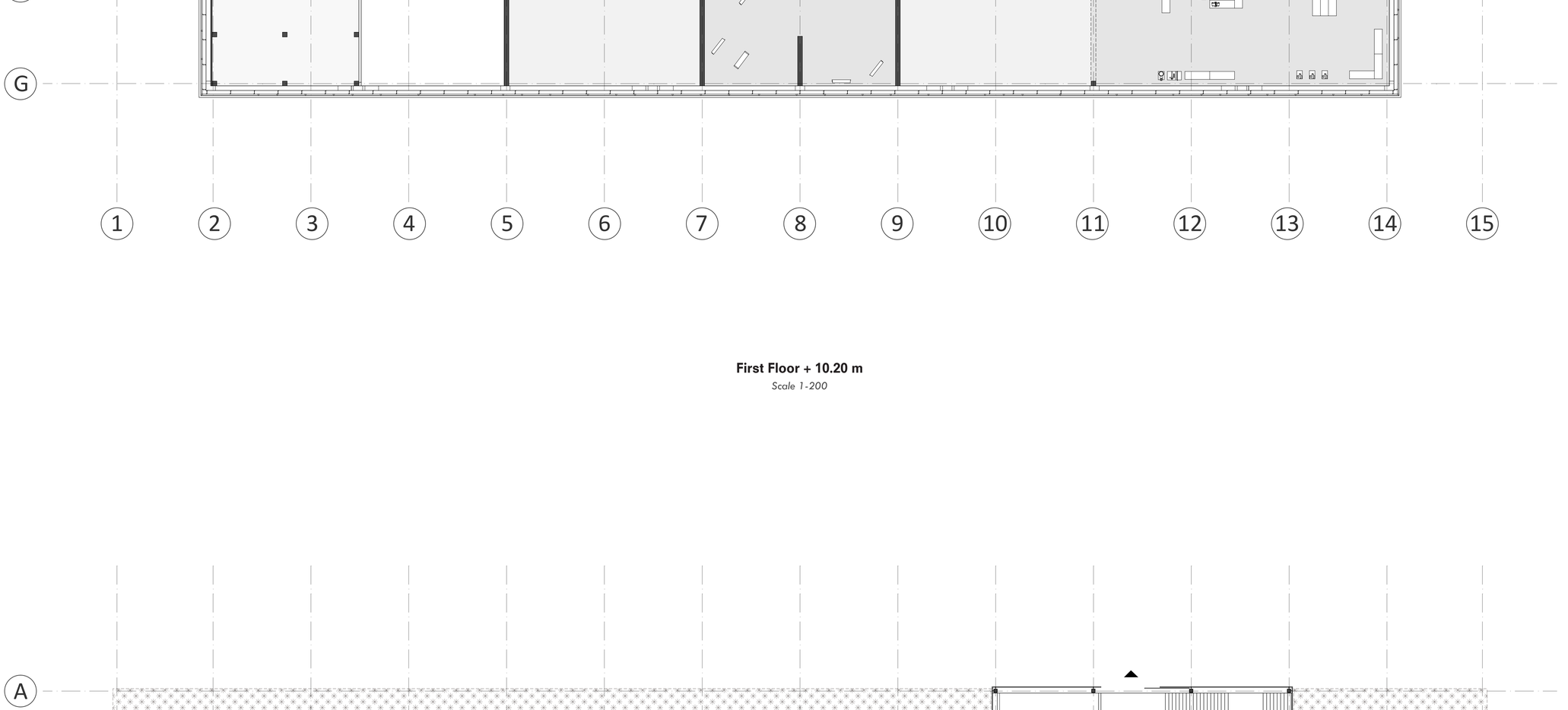


First Floor + 10.20 m

Scale 1-200



Ground Floor + 0.00 m

Scale 1-200

0m 5m 10m 20m

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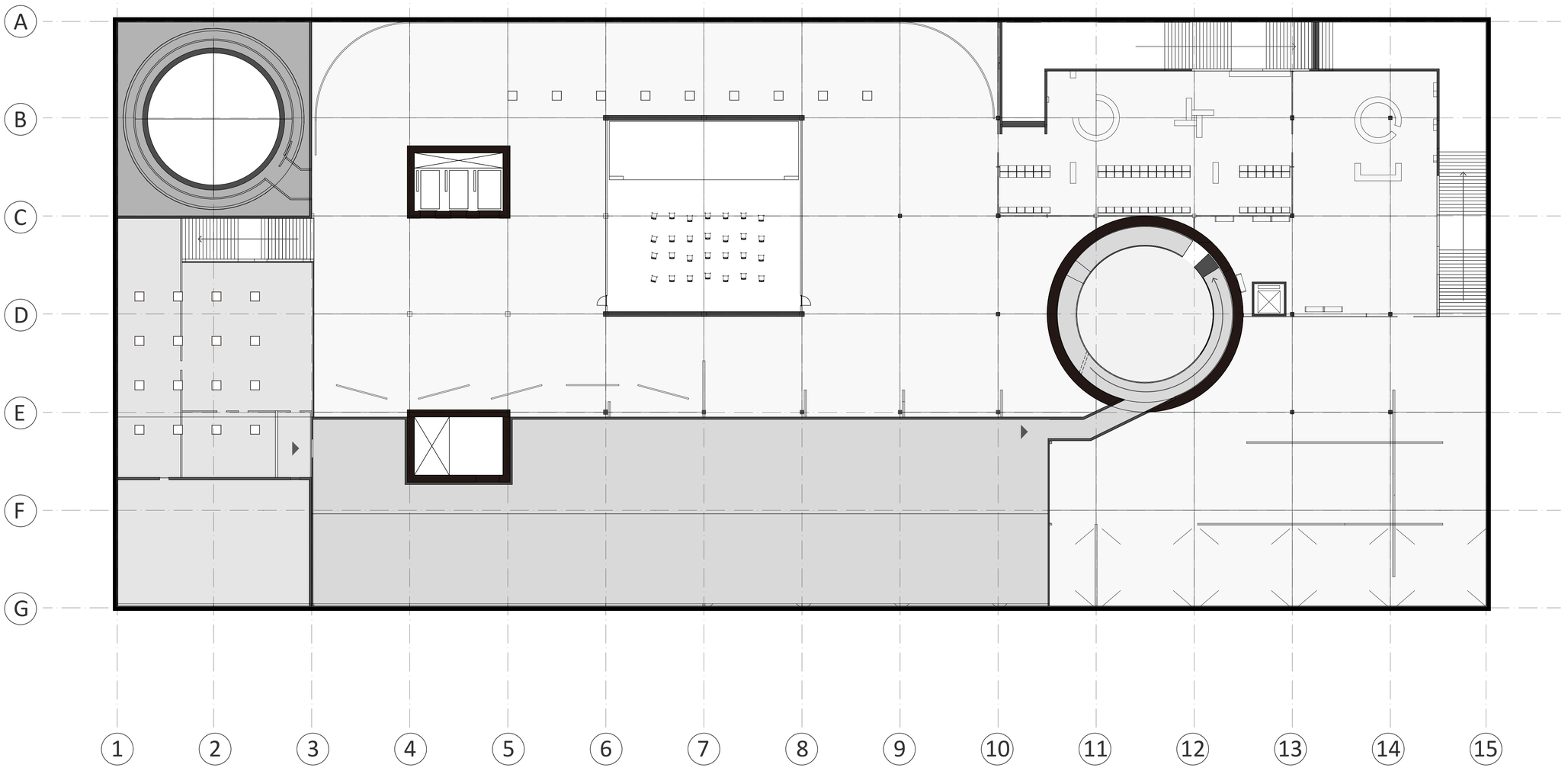
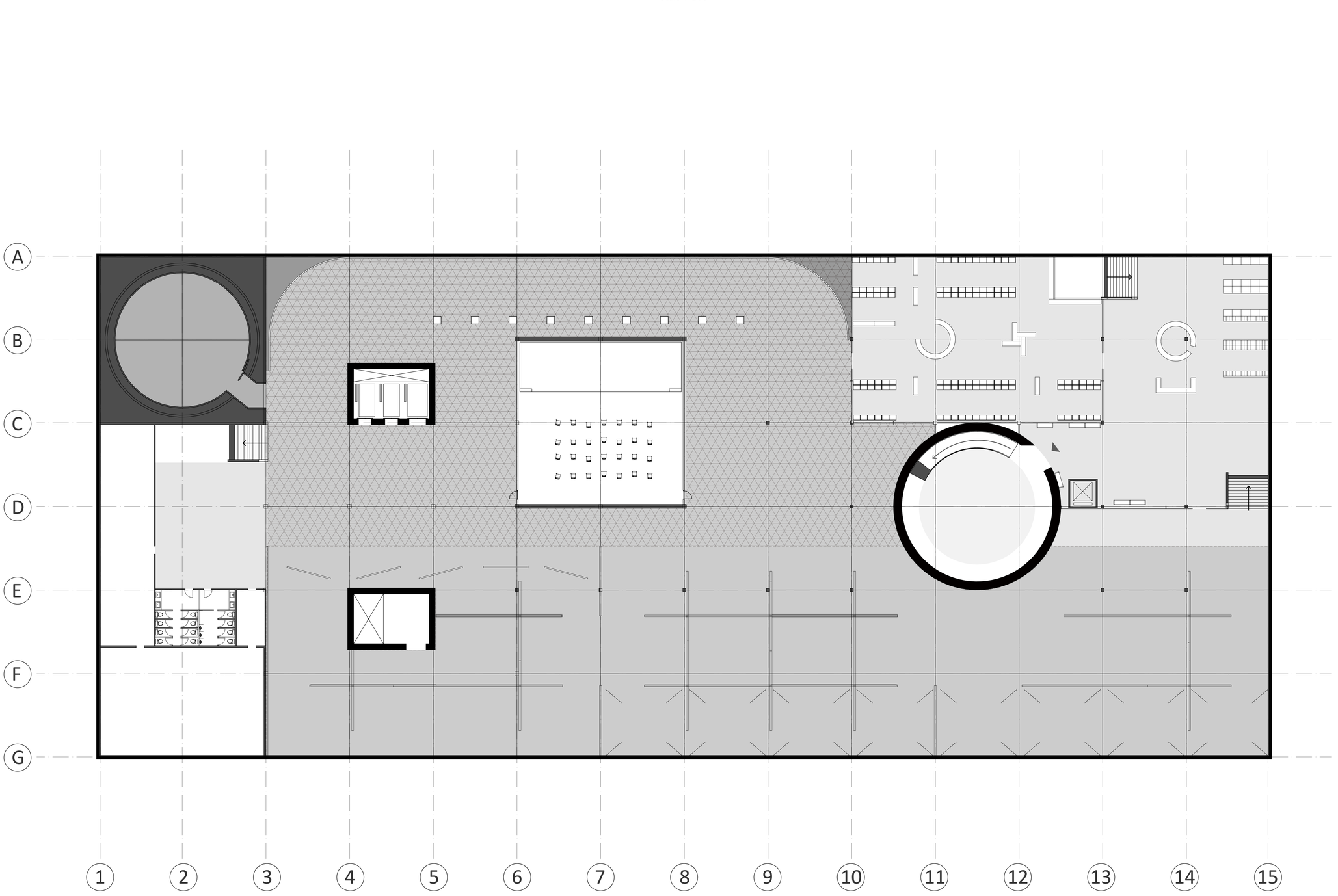


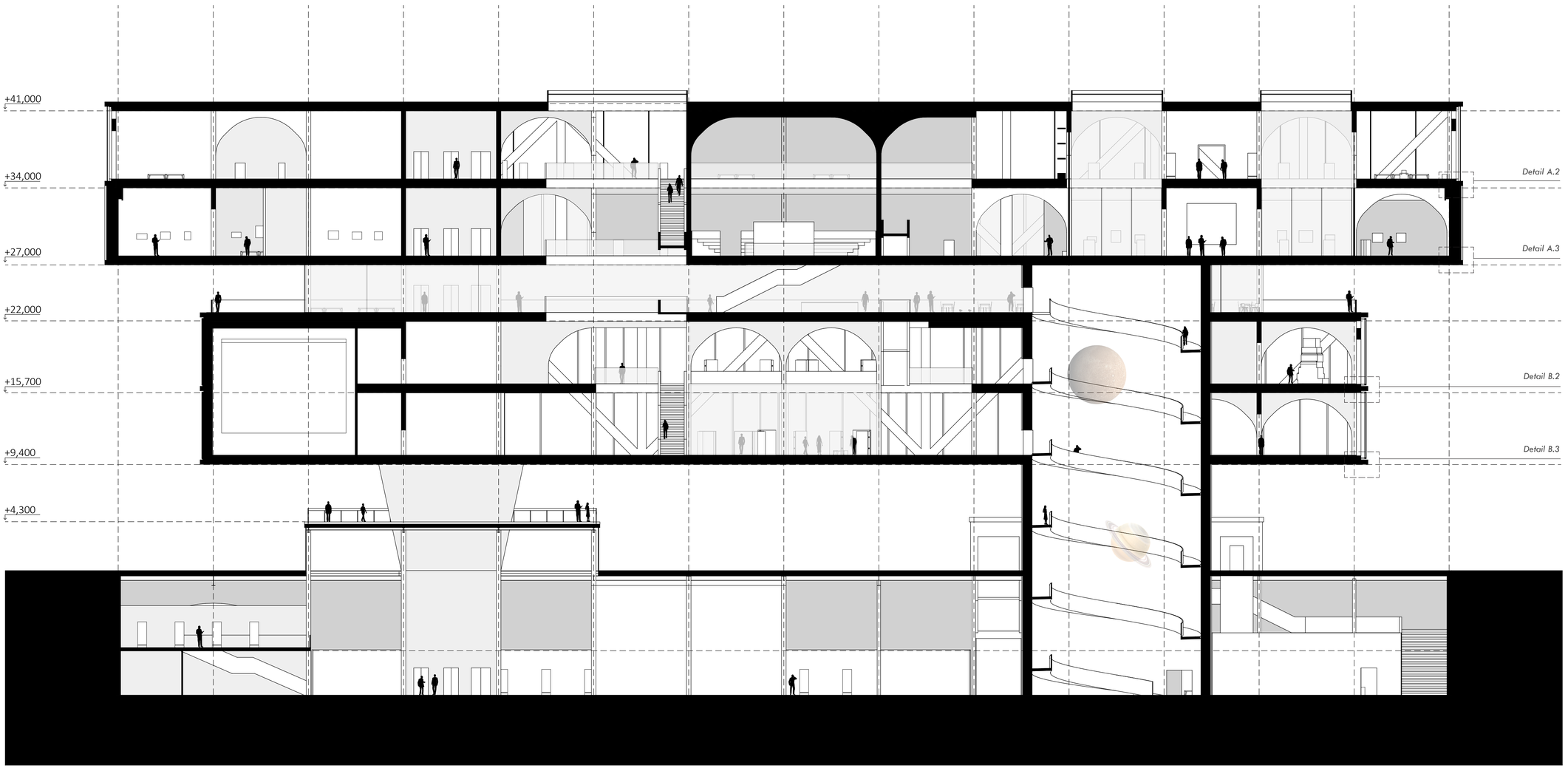
First Floor Underground - 6.80 m

Scale 1-200



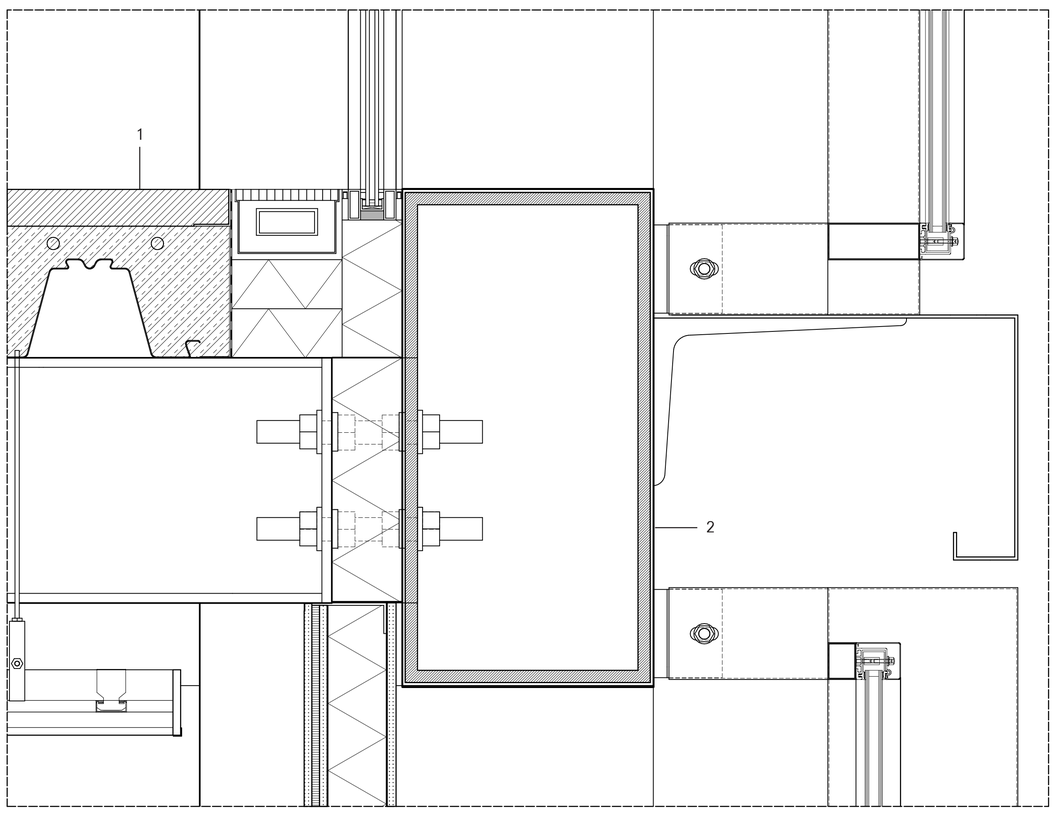
Second Floor Underground - 11.00 m

Scale 1-200



Section North

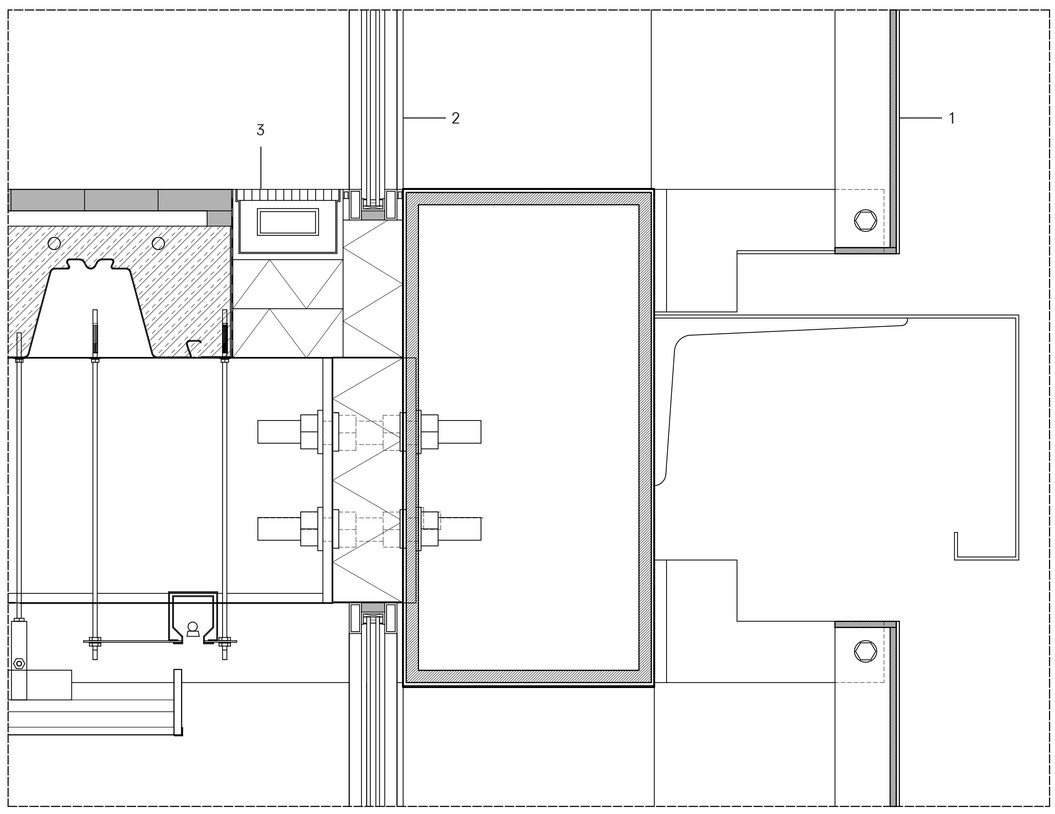
Scale 1-200



Detail A.2

1 60 mm sealed granolithic screed
215 mm deep reinforced concrete trapezoidal-section steel sheeting, multideck 146
400 mm secondary steel beam

2 400/800 mm RHS steel beam with calcium silicate board fire-protection cladding, painted
isoborb type kst, thermal insulation connector

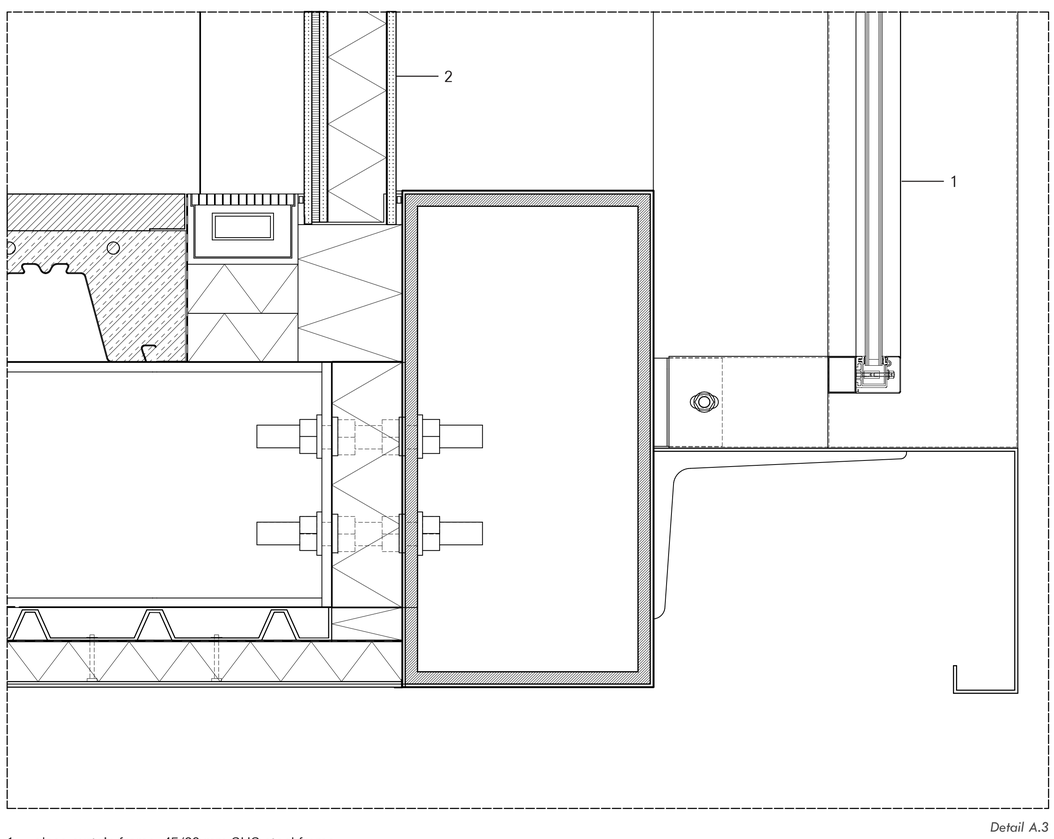


Detail B.2

1 3 mm perforated metal sheet, painted
steel panel frame

2 double glazing in aluminium frame

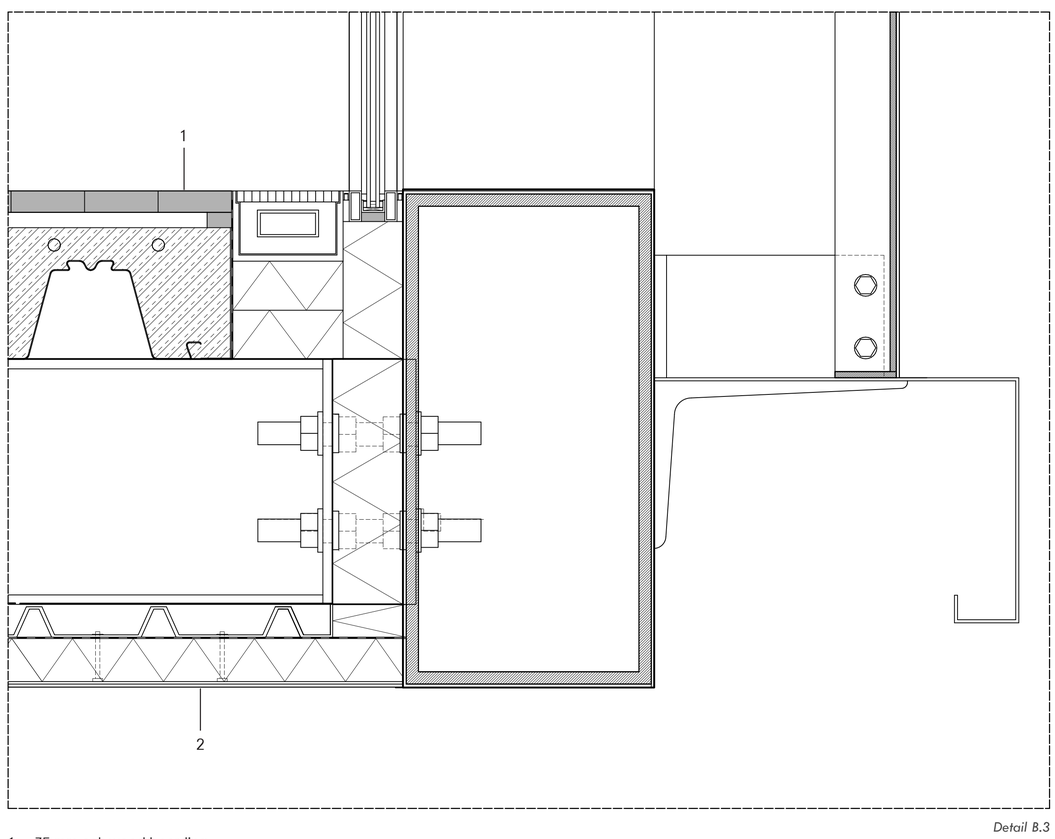
3 underfloor convector
160 mm thermal insulation
isoborb type kst, thermal insulation connector, connected with secondary beam



Detail A.3

1 glass curtain frame, 45/60 mm SHS steel frame
double glazing, 6/6 mm glass, 16 mm cavity

2 15 mm plasterboard
95 mm glass-fibre thermal insulation, double vapour layer
12.5 mm plasterboard
12.5 mm plywood
12.5 mm plasterboard, painted



Detail B.3

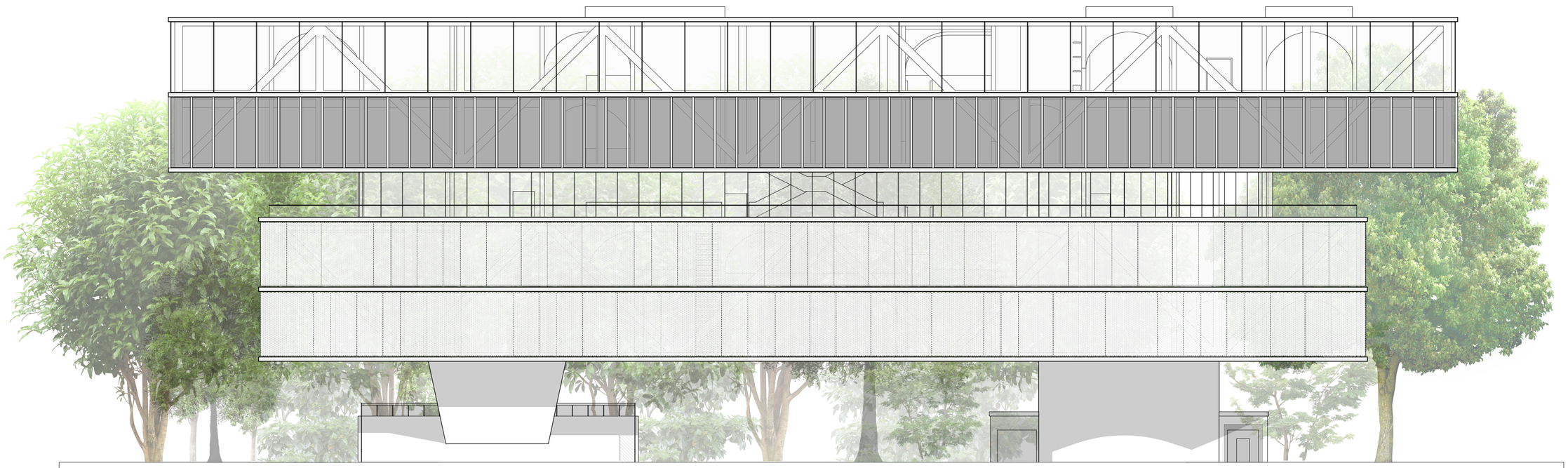
1 35 mm oak wood boarding
25 mm wood post
215 mm deep reinforced concrete trapezoidal-section steel sheeting, multideck 146

2 coated sheet-aluminium lining
vapour layer
70 mm thermal insulation
55 mm trapezoidal-section steel sheeting

Detail

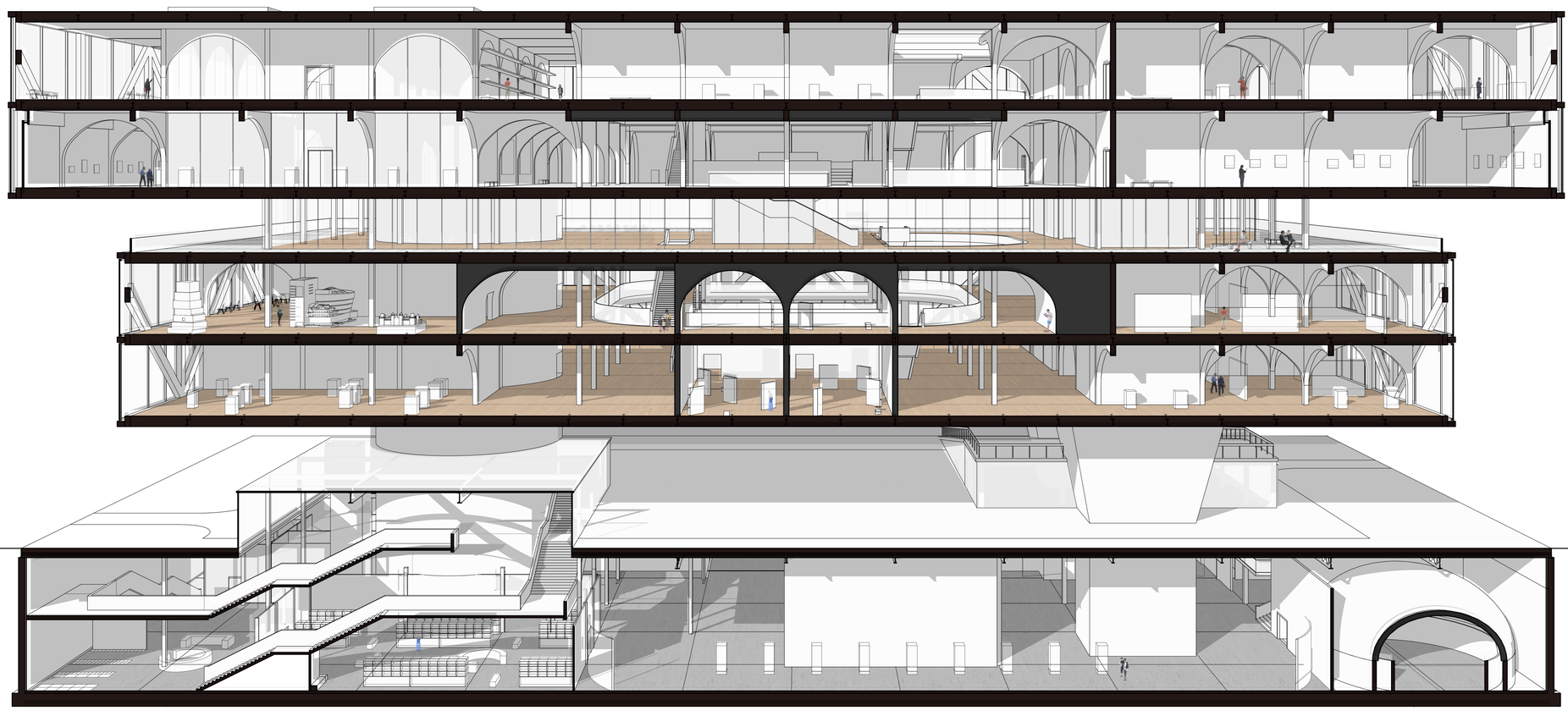
Scale 1-5

0m 12.5cm 25cm 50cm



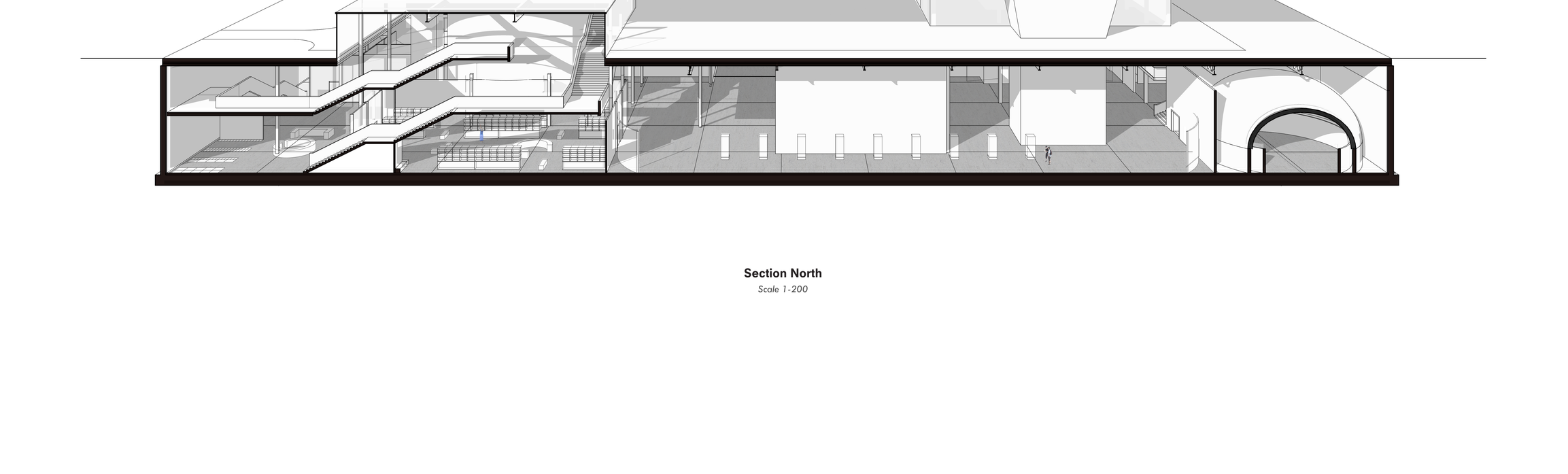
Elevation North

Scale 1-200



Section North

Scale 1-200



Elevation / Section West

Scale 1-200

0m 5m 10m 20m

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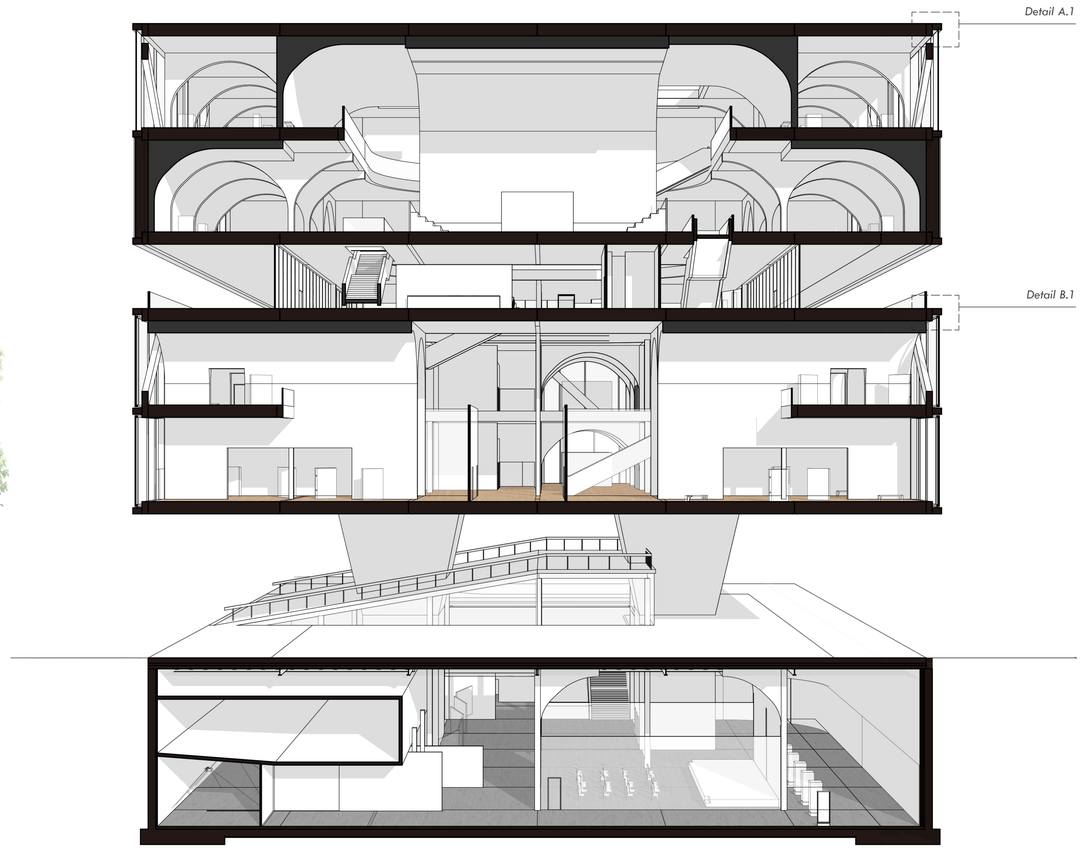
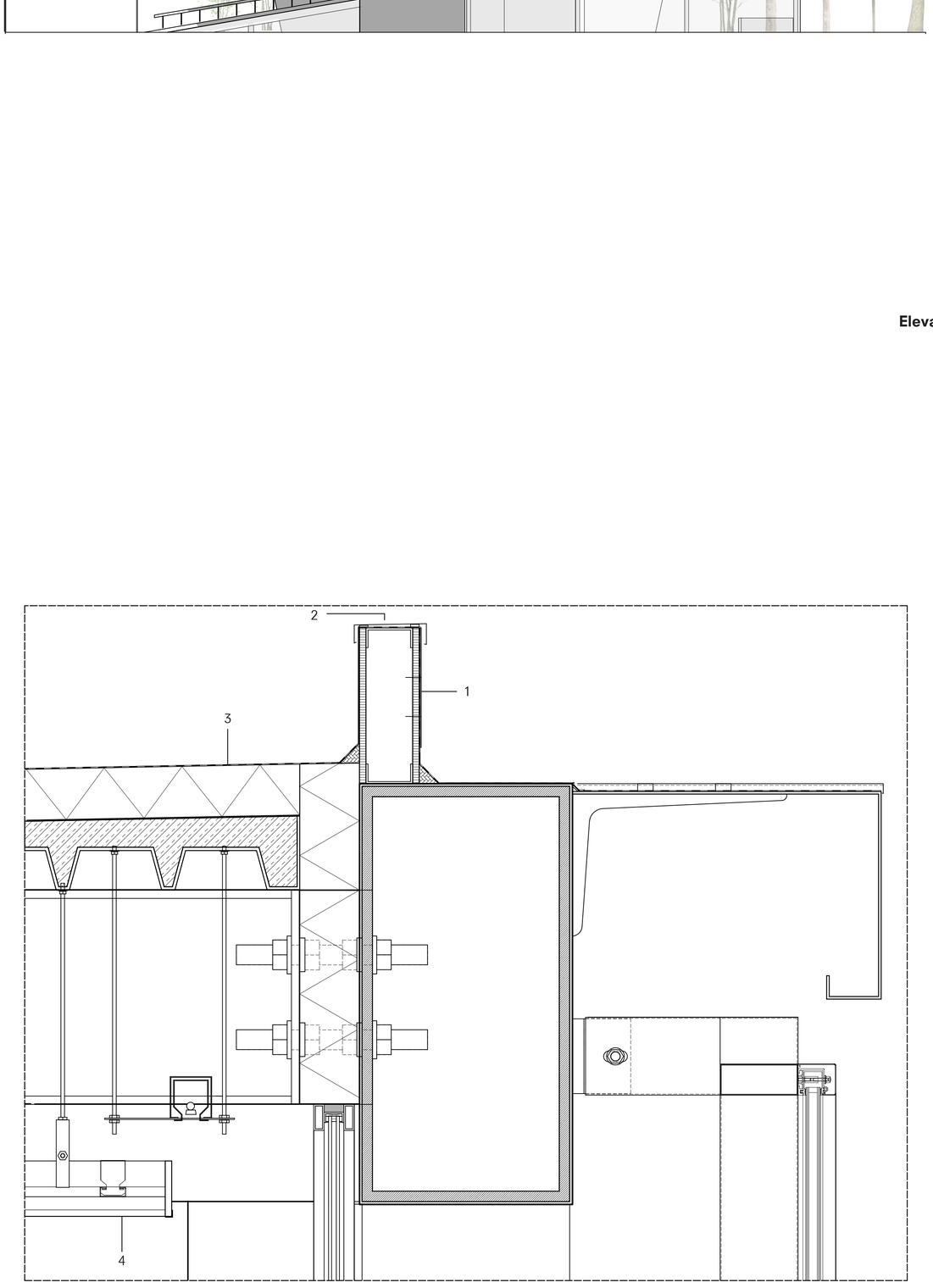


Elevation / Section East

Scale 1-200



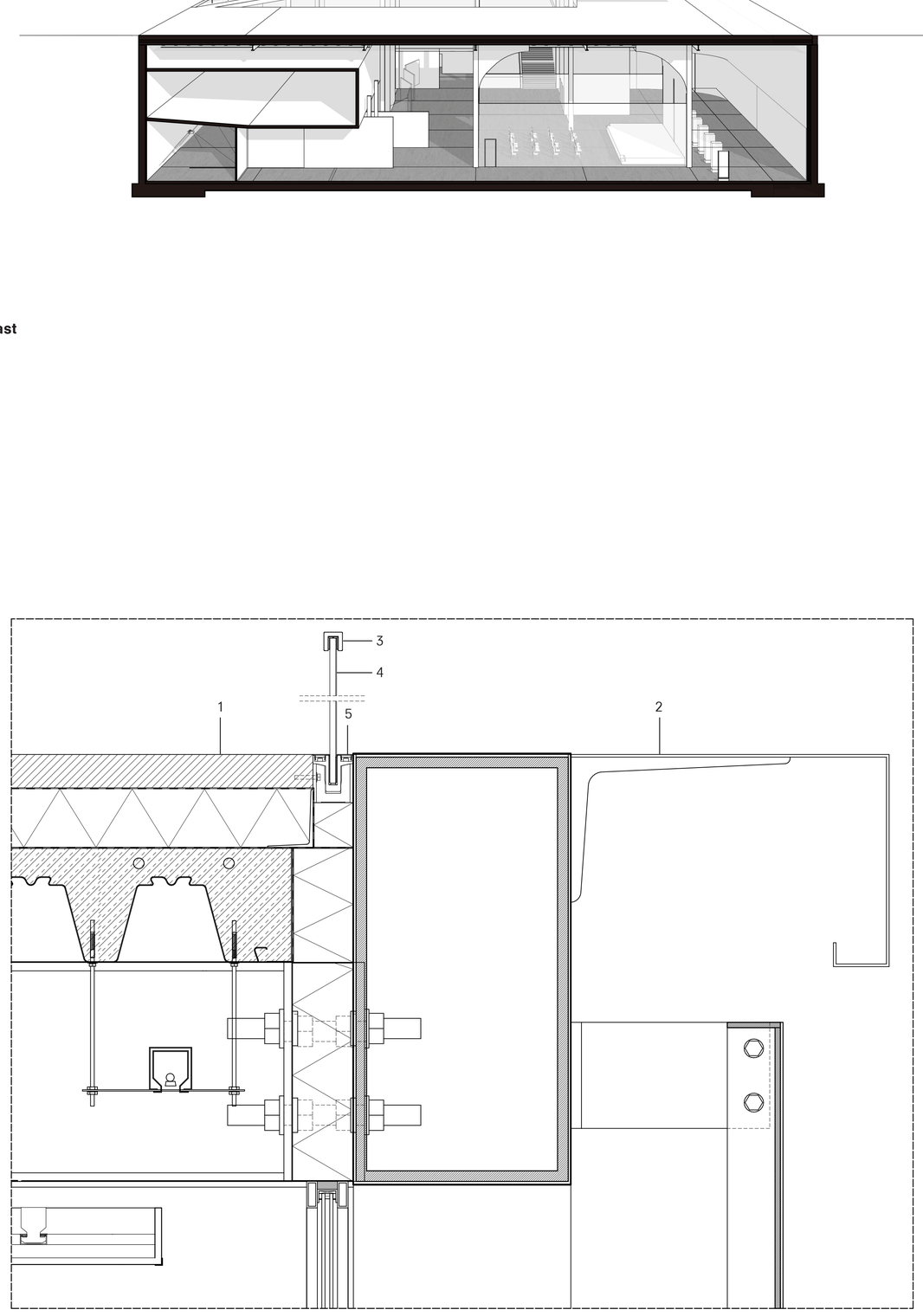
Detail A.1

1 aluminium panel
water proof
12.5 mm MDF panel
90 mm / 38 mm metal stud
12.5 mm MDF panel

2 1.5 mm aluminium sheet flashing
water proof
85 mm steel channel posts

3 two-layer bituminous seal with mineral granules 100 mm
polyurethane thermal insulation
60 mm reinforced concrete
80 mm deep steel trapezoidal-section sheeting

4 3 mm spray-applied acoustic plaster
10 mm plasterboard
19 mm / 50 mm adjustable steel section supporting structure



Detail B.1

1 65 mm sealed granolithic screed
two-layer sealed 110 mm thermal insulation
215 mm deep reinforced concrete trapezoidal-section steel
sheeting, multideck 146

2 2 mm sheet steel, galvanised
welded L shape steel panel

3 stainless-steel handrail

4 safety glass balustrade

5 galvanised steel-frame seating for glass balustrade

Detail

Scale 1-5

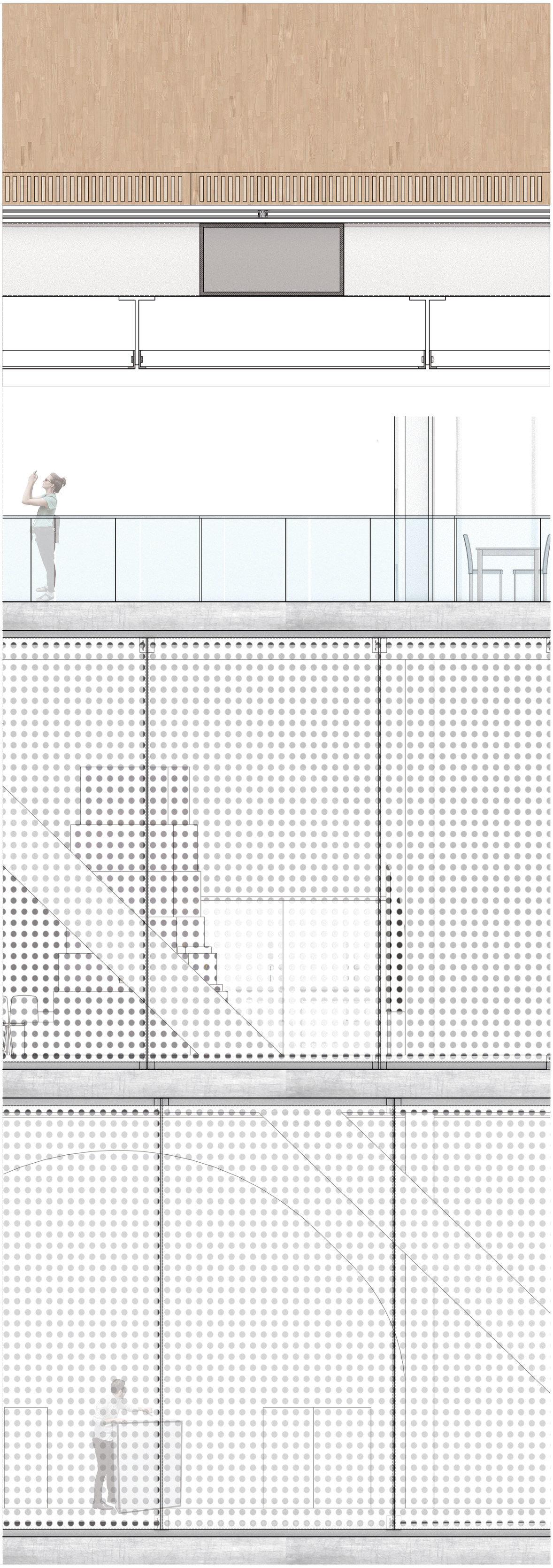
0m 12.5cm 25cm 50cm

60 mm sealed granolithic screed
215 mm deep reinforced concrete trapezoidal-section steel sheeting, multideck 146
400 mm secondary steel beam
vapour layer
55 mm trapezoidal-section steel sheeting
70 mm thermal insulation
coated sheet-aluminium lining

65 mm sealed granolithic screed
two-layer sealed 110 mm thermal insulation
215 mm deep reinforced concrete trapezoidal-section steel sheeting, multideck 146
400 mm secondary steel beam
19 mm / 50 mm adjustable steel section supporting structure

35 mm oak wood boarding
25 mm wood post
215 mm deep reinforced concrete trapezoidal-section steel sheeting, multideck 146
400 mm secondary steel beam
19 mm / 50 mm adjustable steel section supporting structure

35 mm oak wood boarding
25 mm wood post
215 mm deep reinforced concrete trapezoidal-section steel sheeting, multideck 146
400 mm secondary steel beam
vapour layer
55 mm trapezoidal-section steel sheeting
70 mm thermal insulation
coated sheet-aluminium lining



Facade Fragment - Multi-function Floor - Cross Floor Plan

Scale 1-20

0m 0.5m 1m 2m

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